

AUTOMATED DATA STORAGE SYSTEM INCLUDING A MOVABLE

RAIL SYSTEM AND GARAGE

Abstract Of The Disclosure

Applicants' automated data storage system includes a first media storage library having a
5 first rail system, a garage having a movable rail system, said garage being disposed adjacent the
media storage library, and a plurality of accessors movably disposed on either the first rail system or
the movable rail system. In another embodiment, Applicants' automated data storage system
further includes a second media storage library, having a second rail system, disposed adjacent the
garage, such that the plurality of accessors is movably disposed on the first rail system, the second
10 rail system, or the movable rail system. Applicants' invention further includes a method to move an
accessor from the first media storage library into the garage, or from the first media storage library,
through the garage, and into the second media storage library. Applicants' invention further
includes a method to balance the workload of a plurality of data drives disposed within Applicants'
automated data storage system.